Bioactive Chromium Binding Peptide

- The element chromium (Cr) can act as a pharmaceutical agent at high doses although it is not an essential trace element.
- Invention is a novel low molecular weight peptide that binds with chromium.
- This peptide bound with chromium interacts with other biomolecules, such as insulin receptor, to increase insulin sensitivity.
- Potential to treat symptoms of conditions related to improper lipid and carbohydrate metabolism.

Advantages

- Ability to co-inject peptide with insulin to increase insulin sensitivity.
- Could lead to use of less insulin being required to generate desired effects.
- Possible reduction of side effects associated with insulin injections.
- Peptide can be readily synthesized on a peptide synthesizer and doesn’t require all the extra techniques to chemically synthesize insulin.

Insulin levels are increased with the help of the chromium binding peptide.

For More Information, Click to View YouTube Pitch.